Index of Claims

| Application | n/Control No. |
|-------------|---------------|
|-------------|---------------|

09/887,499

Date

Examiner

Emmanuel Coffy

Applicant(s)/Patent under Reexamination

SCHIUMA, LUIGI

Art Unit

2157

| <b>√</b> | Rejected |
|----------|----------|
| -        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Postricted                     |

Claim

| Ν | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|          |                                  |          |   |          |               |  | J        |  | _            | -               |
|----------|----------------------------------|----------|---|----------|---------------|--|----------|--|--------------|-----------------|
| Cla      | Date                             |          |   |          |               |  |          |  |              |                 |
| Final    |                                  | 12/21/05 |   |          |               |  |          |  |              |                 |
|          | 1                                | -        |   |          |               | _  |          |  |              |                 |
|          | 1<br>2<br>3<br>4<br>5            | -        |   | _        | Г             | $\overline{}$                                    |          |  | Г            | $\Box$          |
|          | 3                                | -        |   |          |               |  |          |  |              |                 |
|          | 4                                | -        |   |          |               |  |          |  |              |                 |
|          | 5                                | -        |   |          |               | L_   |          |  |              | Ш               |
|          | 6                                | -        |   |          | L             | _  | <u> </u> |  | _            | Ш               |
|          | 7                                | ·        |   |          | ļ             |  |          |  | <u> </u>     | Щ               |
|          | 8                                | -        | _ |          | _             |  | _        | _  | <u> </u>     | Щ               |
|          | 9                                | -        |   | <u> </u> | <u> </u>      | _  |          |  |              | Н               |
| <u> </u> | 10                               | -        |   | <u> </u> | ├             |  | _        |  |              |                 |
| $\vdash$ | 11<br>12<br>13<br>14<br>15<br>16 | J        | _ | -        | $\vdash$      | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash \vdash$ |
|          | 13                               | 7        | _ | -        | -             | $\vdash$   |          | $\vdash$   | $\vdash$     | $\vdash$        |
|          | 14                               | 777777   |   |          | -             |  |          | <del>                                     </del> | $\vdash$     | H               |
|          | 15                               | V        |   | $\vdash$ |               | Н  |          | $\vdash$   | $\vdash$     | $\vdash$        |
|          | 16                               | V        |   |          | $\vdash$      |  |          |  |              |                 |
|          | 17                               | 1        |   | $\vdash$ |               |  |          |  |              |                 |
|          | 18<br>19                         | 1        |   |          |               |  | $\vdash$ |  |              |                 |
|          | 19                               | -        |   |          |               |  |          |  |              |                 |
|          | 20                               | ٧        |   |          |               |  |          |  |              |                 |
|          | 21<br>22<br>23<br>24<br>25       |          |   |          |               |  |          |  |              |                 |
|          | 22                               |          |   |          |               |  |          |  |              |                 |
|          | 23                               |          |   | _        | _             |  | _        |  | _            | Щ               |
|          | 24                               |          |   | _        | <u> </u>      | _  | <u> </u> | ļ  | <u> </u>     | _               |
|          | 25                               |          |   | _        | <u> </u>      | <u> </u>   |          | ļ  | <del> </del> | _               |
|          | 26<br>27                         |          |   |          | -             | -  | -        | <u> </u>   |              | $\vdash$        |
|          | 28                               |          | _ | _        |               |  | -        | -  | -            | _               |
|          | 20                               |          |   |          | <del> </del>  | $\vdash$   |          | _  |              | $\vdash$        |
|          | 29<br>30                         |          |   |          | $\vdash$      |  | -        |  | -            |                 |
|          | 31                               |          |   |          |               |  |          |  |              |                 |
|          | 32                               |          |   |          |               | <u> </u>   | -        |  | -            |                 |
|          | 33                               |          |   |          | $\overline{}$ |  |          |  | Т            |                 |
|          | 34                               |          |   |          |               |  |          |  |              |                 |
|          | 35                               |          |   |          |               |  |          |  |              |                 |
|          | 36                               |          |   |          |               |  |          |  |              | Ш               |
|          | 37                               | Щ        |   |          |               | lacksquare                                       |          |  | <u> </u>     | Ш               |
|          | 38                               |          |   |          | _             |  |          | $\vdash$   | <u> </u>     | Щ               |
|          | 39                               |          |   | <u> </u> | _             | $\vdash$   | $\vdash$ | <u> </u>   | _            | Н               |
|          | 40                               | $\vdash$ |   | -        |               |  |          |  | $\vdash$     | Н               |
|          | 41                               | H        |   |          | _             | -  |          |  | <u> </u>     | Н               |
|          | 43                               | H        |   |          | _             |  | -        | H  | -            | Н               |
|          | 44                               |          |   | $\vdash$ | _             |  |          | -  | $\vdash$     | Н               |
|          | 45                               | $\vdash$ |   | H        | -             | <del>                                     </del> | $\vdash$ | -  |              | $\vdash \vdash$ |
|          | 46                               | Н        |   | П        |               | H  | _        |  | $\vdash$     | H               |
|          | 47                               |          | _ | _        |               | Г  |          |  |              | $\vdash \vdash$ |
|          | 48                               |          |   |          | Г             |  |          | Г  |              | П               |
|          | 49                               |          |   |          |               |  |          |  |              | П               |
|          | 50                               |          |   |          |               |  |          |  |              |                 |

|   | Final | Original       |          |   |               |  |          |          |          |   |          |
|---|-------|----------------|----------|---|---------------|--|----------|----------|----------|---|----------|
| Ì |       | 51<br>52<br>53 |          |   |               |  |          |          |          |   |          |
| 1 |       | 52             |          |   |               |  | ┌╴       |          | Г        |   |          |
| 1 |       | 53             | $\vdash$ |   |               |  | Ι        | _        |          |   |          |
| 1 |       | 54             |          |   |               | -  | $\vdash$ | _        |          |   |          |
| ı |       | 54<br>55       | Г        |   |               | _  | _        |          |          |   | _        |
| ı |       | 56             |          | _ | _             |  |          |          |          |   |          |
| 1 |       | 57             |          |   |               |  |          |          |          |   |          |
| ı |       | 57<br>58       |          |   |               |  |          | _        |          |   |          |
| ı |       | 59             |          |   |               |  |          | -        | _        |   | _        |
|   |       | 60             |          |   |               | <u> </u>   |          |          |          |   |          |
|   |       | 61             |          |   |               |  |          | _        |          |   |          |
|   |       | 62             |          |   |               | $\vdash$   |          |          |          | _ | _        |
| 1 |       | 63             |          |   |               | -  |          | _        |          |   | _        |
| Ì |       | 64             |          |   |               | -  |          |          |          |   |          |
| Ì |       | 65             |          |   | $\overline{}$ | <b></b>  |          |          |          |   |          |
| Ì |       | 66             |          |   |               |  |          |          |          |   |          |
| Ì |       | 67             |          |   | _             |  |          |          |          |   |          |
|   |       | 68             |          |   |               |  |          |          |          |   |          |
|   |       | 69             |          |   |               |  |          |          |          |   |          |
| Ì |       | 70             |          |   |               |  |          |          |          |   |          |
| Ì |       | 71             |          |   |               |  |          |          |          |   |          |
| ı |       | 72             |          |   |               |  |          |          |          |   |          |
|   |       | 71<br>72<br>73 |          |   |               |  | П        |          |          |   |          |
| [ |       | 74<br>75       |          |   |               |  |          |          |          |   |          |
|   |       | 75             |          |   |               |  |          |          |          |   |          |
|   |       | 76             |          |   |               |  |          |          |          |   |          |
| ١ |       | 77             |          |   |               |  |          |          |          |   |          |
| ١ |       | 78             |          |   | _             |  | _        |          |          |   |          |
| ١ |       | 79             |          |   |               |  |          |          |          |   |          |
| ١ |       | 80             | _        |   |               | ļ  | _        |          |          |   | _        |
|   |       | 81             |          |   |               |  |          |          |          |   |          |
| ļ |       | 82<br>83       |          |   |               | <u> </u>   |          |          |          |   |          |
| ļ |       | 83             |          |   | _             |  |          |          |          |   |          |
|   |       | 84             |          |   |               | _  |          |          |          |   |          |
|   |       | 85             |          |   |               | _  |          |          |          |   |          |
|   |       | 86             |          | _ | _             |  |          |          |          |   |          |
| - |       | 87             |          |   |               |  |          |          |          |   |          |
| } |       | 88             |          |   |               | _  |          |          |          |   |          |
| ł |       | 89             |          |   |               |  |          |          | _        |   |          |
|   |       | 90<br>91       |          |   |               |  |          |          | _        |   |          |
| ł |       | 92             |          |   | _             | $\vdash$   |          |          |          |   |          |
| ł |       |                |          |   | _             | <u> </u>   | _        |          | -        |   | -        |
| } | -     | 93<br>94       | $\vdash$ |   |               | $\vdash$   | -        |          | H        |   | _        |
| - |       | 95             |          |   |               | <del>                                     </del> | -        | -        | $\vdash$ |   | -        |
| ł |       | 96             | $\vdash$ |   |               | $\vdash$   | $\vdash$ | -        | -        |   | -        |
| ł |       | 97             | -        |   | $\vdash$      | $\vdash$   | $\vdash$ | -        | -        |   | -        |
| ŀ |       | 98             | -        |   |               | $\vdash$   |          | $\vdash$ | -        | - | -        |
| ŀ |       | 99             |          |   |               | <del>                                     </del> | H        | $\vdash$ | $\vdash$ | _ | $\vdash$ |
| Ì |       | 100            |          | _ |               |  | Н        |          |          |   | $\Box$   |
| L |       |                |          |   |               |  |          |          |          |   |          |

| Cli   | aim   | Date     |          |              |              |             |              | $\neg$   |          |                 |
|-------|---|----------|----------|--------------|--------------|-------------|--------------|----------|----------|-----------------|
|       |   |          |          |              |              |             |              |          |          | П               |
| 평     | Original  |          |          |              |              |             |              |          |          |                 |
| Final | Ţ.  |          |          |              |              | ĺ           |              |          |          |                 |
| _     | 0   |          |          |              |              |             |              |          |          |                 |
|       | 101   |          |          |              | _            |             | _            | _        | _        | Н               |
|       | 102   |          |          |              |              | _           |              |          |          | М               |
|       | 101<br>102<br>103   |          |          |              | -            | _           | _            | _        | _        | $\vdash$        |
|       | 104<br>105<br>106   |          |          |              |              |             |              |          |          | П               |
|       | 105   | _        | _        |              |              |             |              |          | _        | Н               |
|       | 106   |          |          |              |              |             |              |          |          | П               |
|       | 107   |          |          |              |              |             |              |          |          | Н               |
|       | 108   |          |          |              |              |             |              | _        |          | Н               |
|       | 107<br>108<br>109   |          |          |              |              |             |              |          | _        | П               |
|       | 110   |          |          |              |              |             |              |          |          | П               |
|       | 111   |          |          |              |              |             |              |          |          | М               |
|       | 112   |          |          |              |              |             | _            | -        | _        | М               |
|       | 113   | _        |          |              |              | $\vdash$    | _            |          |          | H               |
|       | 110<br>111<br>112<br>113<br>114<br>115<br>116                             |          |          | П            | М            | $\vdash$    |              |          |          | H               |
|       | 115   | П        | Н        | Н            | П            | Н           | Н            |          | М        | H               |
|       | 116   |          | П        | Н            |              |             |              |          |          | Н               |
|       | 117   |          | П        | Н            | П            | П           | Н            | Н        |          | Н               |
|       | 118   | $\vdash$ | М        |              |              | H           | Н            |          |          | Н               |
|       | 118<br>119  | $\vdash$ | Н        | $\vdash$     | _            | $\vdash$    |              | -        | -        | Н               |
|       | 120   |          |          |              |              |             | -            |          | -        | Н               |
|       | 121   |          |          |              | -            | _           |              |          | _        | Н               |
|       | 122   | _        |          | _            | -            | _           |              | $\vdash$ | -        |                 |
|       | 123   | $\vdash$ | _        | -            | _            | $\vdash$    | -            | -        |          | Н               |
|       | 124   |          |          |              |              |             |              |          |          | Н               |
|       | 125   |          |          |              |              |             |              |          |          | Н               |
|       | 126   | _        |          |              |              |             |              |          |          | Н               |
|       | 127   |          | $\vdash$ |              | -            |             |              |          |          | Н               |
|       | 128   |          |          |              |              |             | $\vdash$     |          | $\vdash$ | Н               |
|       | 129   | _        | -        | -            |              |             |              |          |          | Н               |
|       | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 | -        |          |              |              | H           |              |          | H        | H               |
|       | 131   |          |          |              |              |             | -            | _        |          | Н               |
|       | 132   | —        |          | $\vdash$     |              | $\vdash$    | $\vdash$     |          |          | Н               |
|       | 132<br>133  | $\vdash$ |          | $\vdash$     |              |             |              |          |          | $\vdash\vdash$  |
|       | 134   | $\vdash$ |          |              |              | $\vdash$    |              |          |          | Н               |
|       | 135   | -        |          |              |              |             | $\vdash$     |          |          | Н               |
|       | 135<br>136  | $\vdash$ |          |              |              |             |              |          |          | Н               |
|       | 137   | $\vdash$ |          |              |              |             | $\vdash$     | $\vdash$ |          | Н               |
|       | 137<br>138  | -        |          |              |              | <del></del> |              | -        |          | H               |
|       | 130   |          | -        | -            |              | -           |              |          |          | Н               |
|       | 139<br>140  | <u> </u> |          | -            | -            |             | _            | _        | -        | ┝─┤             |
|       | 141   | $\vdash$ | -        |              | $\vdash$     |             | -            | _        | $\vdash$ | H               |
|       | 142   |          |          | -            |              |             | $\vdash$     | -        | $\vdash$ | H               |
|       | 143   |          |          | -            |              | $\vdash$    | $\vdash$     |          | -        | $\vdash \vdash$ |
|       | 144   | $\vdash$ | Н        | H            | $\vdash$     | H           | H            | H        | H        | $\vdash \vdash$ |
|       | 145   | $\vdash$ | H        | H            |              | $\vdash$    |              | $\vdash$ | -        | H               |
|       | 146   | $\vdash$ | -        | H            | $\vdash$     | ┢           | $\vdash$     | $\vdash$ | -        | $\vdash \vdash$ |
|       | 147   | -        | $\vdash$ | -            | ⊢            | $\vdash$    | $\vdash$     | <u> </u> | ┝        | Н               |
|       | 147   | $\vdash$ | $\vdash$ | <del> </del> | <del> </del> | $\vdash$    | <del> </del> | -        | -        | Н               |
|       | 149   |          | $\vdash$ | <u> </u>     | <del> </del> | ├           | $\vdash$     | $\vdash$ | -        | $\vdash\vdash$  |
|       | 150   | $\vdash$ | Ь-       | -            | <u> </u>     |             | ├—           | <u> </u> | $\vdash$ | Н               |
|       | 100   | <u> </u> |          | L            | L            | L           | Ĺ            | l        | !        | Ш               |